

# *METHOD AND APPARATUS OF ELECTRONIC SELECTION OF AN OUTPUT MODE OF A WELDING POWER SOURCE*

## **Abstract**

The present invention provides a method and apparatus of electronically selecting an output mode of a welding power source.

The invention includes operational circuitry that electronically energizes an output terminal based on a user selected parameter.

Specifically, a series of power switches is selectively biased based on a particular output mode selection by the user. As such, independent output terminals of the power source may be activated without requiring mechanical and manual operation by the user.